

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau(43) International Publication Date  
10 June 2004 (10.06.2004)

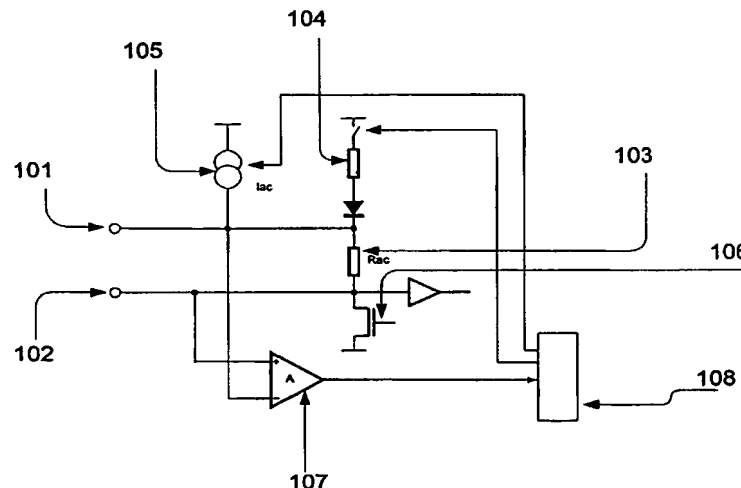
PCT

(10) International Publication Number  
WO 2004/049642 A1

- (51) International Patent Classification<sup>7</sup>: H04L 12/403, B60R 16/02, H04L 29/12
- (21) International Application Number: PCT/IB2003/005390
- (22) International Filing Date: 25 November 2003 (25.11.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0227526.1 26 November 2002 (26.11.2002) GB
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: AUTO-CONFIGURED LIN BUS NODES



(57) **Abstract:** An auto-configured LIN bus system comprises a plurality of modules linked to a LIN bus along which electronic data or instructions can be sent to and from each said module. At least one of said modules is a non-configured reconfigurable module having means for being configured with an ID and also having embedded within it at the manufacturing stage a fixed unique Chip Identification Code (CIN) for use during a configuring operation. Said at least one non-configured reconfigurable module having no unique identification address associated therewith, but having a unique code associated therewith. The system further includes configuration means which interrogates said modules and detects the unique code of said at least one non-configured module and transmits a configuration signal to the module to configure the module. The or each said non configured reconfigurable modules further including counter means which is incremented each time a non-configured is configured, said counter of each non-configured module, once configured, providing a unique code which is indicative of the position of the module in the system.